
ABSTRACT OF THE DISCLOSURE

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A glass article having no stain due to metal colloids because of its excellent efficiency of preventing diffusion of metal ions, and a glass substrate for a high-quality display having the glass article are provided. The glass article includes an alkali-containing glass substrate, and a barrier film formed on a surface of the glass substrate. The metal ion diffusion barrier film mainly contains indium oxide and/or tin oxide. A glass substrate for a display includes the alkali-containing glass substrate; an alkali ion diffusion barrier film formed on a surface of the substrate; the barrier film mainly containing indium oxide and/or tin oxide; an insulating film; and an electrode film. The surface electrical resistance of the insulating film is kept in a range from $1.0 \times 10^6 \Omega/\square$ to $1.0 \times 10^{16} \Omega/\square$ even after heating process at 550 °C for 1 hour.
